

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) An intake apparatus for an internal combustion engine, comprising:
 - a main section defining an intake port leading to a cylinder of the engine through an intake valve located at a downstream end of the intake port; and
 - a flow regulating section to regulate an intake air flow in the intake port, the flow regulating section including[[:]]:
 - a partition extending in the intake port in a longitudinal direction of the intake port, and dividing the intake port into first and second passage sections;
 - a gas motion control valve to open and close an upstream end of the second passage section; and
 - a connection passage connecting an upstream end portion of the second passage section, which is a portion downstream of the gas motion control valve, to the first passage section.

2. (Currently Amended) ~~The intake apparatus as claimed in Claim 1,~~ An intake apparatus for an internal combustion engine, comprising:
 - a main section defining an intake port leading to a cylinder of the engine through an intake valve located at a downstream end of the intake port; and
 - a flow regulating section to regulate an intake air flow in the intake port, the flow regulating section including:
 - a partition extending in the intake port in a longitudinal direction of the intake port, and dividing the intake port into first and second passage sections;
 - a gas motion control valve to open and close an upstream end of the second passage section; and
 - a connection passage connecting an upstream end portion of the second passage section to the first passage section,

wherein the connection passage is opened in the partition.

3. (Original) The intake apparatus as claimed in Claim 2, wherein the connection passage is in the form of a slit elongated in a direction perpendicular to the longitudinal direction of the intake port.

4. (Currently Amended) ~~The intake apparatus as claimed in Claim 1,~~ An intake apparatus for an internal combustion engine, comprising:

a main section defining an intake port leading to a cylinder of the engine through an intake valve located at a downstream end of the intake port; and

a flow regulating section to regulate an intake air flow in the intake port, the flow regulating section including:

a partition extending in the intake port in a longitudinal direction of the intake port, and dividing the intake port into first and second passage sections;

a gas motion control valve to open and close an upstream end of the second passage section; and

a connection passage connecting an upstream end portion of the second passage section to the first passage section,

wherein the connection passage is in the form of an interspace between an upstream end of the partition and the gas motion control valve in a closed position closing the second passage section.

5. (Original) The intake apparatus as claimed in Claim 4, wherein the gas motion control valve comprises a first valve portion closing the second passage section, and a second valve portion projecting in the first passage section when the second passage section is closed by the first valve portion.

6. (Original) The intake apparatus as claimed in Claim 5, wherein the second valve portion of the gas motion control valve closes the connection passage when the gas motion control valve is in an open position opening the second passage section.

7. (Original) The intake apparatus as claimed in Claim 5, wherein the gas motion control valve comprises a valve shaft located on an extension of the partition, and the first valve portion of the gas motion control valve projects from the valve shaft in one direction and the second valve portion extends from the valve shaft in the opposite direction.

8. (Original) The intake apparatus as claimed in Claim 5, wherein the second valve portion of the gas motion control valve includes a bent end portion projecting downstream when the second valve portion projects in the first passage section.

9. (Original) The intake apparatus as claimed in Claim 8, wherein the main section includes an inside wall surface of the intake port, the inside wall surface is formed with a recess receiving the gas motion control valve when the gas motion control valve opens the second passage section.

10. (Currently Amended) ~~The intake apparatus as claimed in Claim 1,~~ An intake apparatus for an internal combustion engine, comprising:

a main section defining an intake port leading to a cylinder of the engine through an intake valve located at a downstream end of the intake port; and

a flow regulating section to regulate an intake air flow in the intake port, the flow regulating section including:

a partition extending in the intake port in a longitudinal direction of the intake port, and dividing the intake port into first and second passage sections;

a gas motion control valve to open and close an upstream end of the second passage section; and

a connection passage connecting an upstream end portion of the second passage section to the first passage section,

wherein the connection passage is open into a low pressure region produced in the first passage section when the second passage section is closed by the gas motion control valve.

11. (Currently Amended) ~~The intake apparatus as claimed in Claim 1,~~ An intake apparatus for an internal combustion engine, comprising:

a main section defining an intake port leading to a cylinder of the engine through an intake valve located at a downstream end of the intake port; and

a flow regulating section to regulate an intake air flow in the intake port, the flow regulating section including:

a partition extending in the intake port in a longitudinal direction of the intake port, and dividing the intake port into first and second passage sections;

a gas motion control valve to open and close an upstream end of the second passage section; and

a connection passage connecting an upstream end portion of the second passage section to the first passage section,

wherein the gas motion control valve comprises a plate element which extends continuously from the partition when the gas motion control valve is in an open position opening the second passage section.

12. (Currently Amended) ~~The intake apparatus as claimed in Claim 1,~~ An intake apparatus for an internal combustion engine, comprising:

a main section defining an intake port leading to a cylinder of the engine through an intake valve located at a downstream end of the intake port; and

a flow regulating section to regulate an intake air flow in the intake port, the flow regulating section including:

a partition extending in the intake port in a longitudinal direction of the intake port, and dividing the intake port into first and second passage sections;

a gas motion control valve to open and close an upstream end of the second passage section; and

a connection passage connecting an upstream end portion of the second passage section to the first passage section,

wherein the gas motion control valve comprises a valve portion projecting in the first passage section when the gas motion control valve is in a closed position closing the second passage section.

13. (Currently Amended) ~~The intake apparatus as claimed in Claim 1,~~ An intake apparatus for an internal combustion engine, comprising:

a main section defining an intake port leading to a cylinder of the engine through an intake valve located at a downstream end of the intake port; and

a flow regulating section to regulate an intake air flow in the intake port, the flow regulating section including:

a partition extending in the intake port in a longitudinal direction of the intake port, and dividing the intake port into first and second passage sections;

a gas motion control valve to open and close an upstream end of the second passage section; and

a connection passage connecting an upstream end portion of the second passage section to the first passage section,

wherein the gas motion control valve closes the connection passage when the gas motion control valve is in an open position opening the second passage section, and the gas motion control valve opens the connection passage when the gas motion control valve is in a closed position closing the second passage section.

14. (Currently Amended) The intake apparatus as claimed in Claim 1, wherein the main section defining the intake port is a casting, and the partition is in the form of a plate inserted as ~~an integral part~~ a metal insert of the casting.

15. (Currently Amended) ~~The intake apparatus as claimed in Claim 1,~~ An intake apparatus for an internal combustion engine, comprising:

a main section defining an intake port leading to a cylinder of the engine through an intake valve located at a downstream end of the intake port; and

a flow regulating section to regulate an intake air flow in the intake port, the flow regulating section including:

a partition extending in the intake port in a longitudinal direction of the intake port, and dividing the intake port into first and second passage sections;

a gas motion control valve to open and close an upstream end of the second passage section; and

a connection passage connecting an upstream end portion of the second passage section to the first passage section,

wherein the second passage section is smaller in sectional area than the first passage section.

16. (Currently Amended) ~~The intake apparatus as claimed in Claim 1,~~ An intake apparatus for an internal combustion engine, comprising:

a main section defining an intake port leading to a cylinder of the engine through an intake valve located at a downstream end of the intake port; and

a flow regulating section to regulate an intake air flow in the intake port, the flow regulating section including:

a partition extending in the intake port in a longitudinal direction of the intake port, and dividing the intake port into first and second passage sections;

a gas motion control valve to open and close an upstream end of the second passage section; and

a connection passage connecting an upstream end portion of the second passage section to the first passage section,

wherein the second passage section is located below the first passage section in an up-down direction of the cylinder of the engine.

17. (Original) An internal combustion engine comprising:

an engine block member defining an engine cylinder and an intake port leading to the cylinder;

an intake valve to open and close a downstream end of the intake port;

a gas motion control valve provided in the intake port and arranged to reduce an open sectional area of the intake port to produce a low pressure region in the intake port; and

a partition extending in the intake port in a longitudinal direction of the intake port between the downstream end of the intake port and the gas motion control valve, and dividing the intake port into a first passage section and a second passage section which is opened and

closed by the gas motion control valve, the partition including an upstream end portion defining;

a connection passage connecting an upstream end portion of the second passage section to the low pressure region produced in the first passage section to promote recirculating flow of intake air in the second passage section from a downstream end of the second passage section to the upstream end portion of the second passage section, and from the upstream end portion to the first passage section when the second passage section is closed by the gas motion control valve.

18. (Original) An intake apparatus for an internal combustion engine, comprising:

first means for defining an intake port;

second means for dividing the intake port into first and second passage sections extending in a longitudinal direction of the intake port;

third means for closing an upstream end of the second passage section and forming a low pressure region in the first passage section; and

fourth means for drawing intake air from a downstream end of the second passage section through the second passage section to the low pressure region in the first passage section when the upstream end of the second passage section is closed.